THE ASSISTANT COMMISSIONER OF PATENTS Washington, D.C. 20231

DOCKET NUMBER: FR919990107USI January 4, 2001

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Alain Benayoun, Jean-Francois LE PENNEC, Patrick MICHEL and Gilles TOUBOL

For: METHOD AND SYSTEM FOR DYNAMICALLY INVERTING AN ASYMMETRIC DIGITAL SUBSCRIBER LINE (ADSL) SYSTEM

Enclosed are: X Patent Specification and Declaration X_5 sheets of drawing(s). An assignment of the invention to International Business Machines Corporation (includes Recordation Form Cover Sheet). A certified copy of a _____ application. Information Disclosure Statement, PTO 1449 and copies of references. The filing fee has been calculated as shown below: Fee For Number Number \$710.00 Basic Fee 25 - 20 Total Claims $5 \times 18 =$ Indep. Claims MULTIPLE DEPENDENT CLAIM PRESENTED x 270 =TOTAL \$800.00 X Please charge IBM Corporation Deposit Account No. 09-0464 in the amount of \$800.00. A duplicate copy of this sheet is enclosed. X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to IBM Corporation Deposit Account <u>09-0464</u>. A duplicate copy of this sheet is enclosed. X Any additional filing fees required under 37 CFR §1.16.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR § 1.10

X Any patent application processing fees under 37 CFR §1.17.

"Express Mail" mailing label number EL 281539059US

Date of Mailing January 5, 2001

I hereby certify that the documents indicated below are being deposited with the United States Postal Service under 37 CFR 1 10 on the date indicated above and are addressed to Box Patent Applications, Assistant Commissioner of Patents, Washington, D.C. 20231 and mailed on the above Date of Mailing with the above "Express Mail" mailing label number

Respectfully submitted,

By:

Matthew W. Baca Registration No. 42,277

FELSMAN, BRADLEY, VADEN,

GUNTER & DILLON, LLP

Suite 350 Lakewood on the Park 7600B North Capital of Texas Highway

Austin, Texas 78731

Telephone (512) 343-6116

I 1,51 Hind Hung n M